

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A controller equipment for determining a target circuit quality for a received signal used in an outer loop transmit power control, comprising:

a measuring unit configured to measure channel qualities of ~~a an incoming~~ control channel and ~~a an incoming~~ user channel separated from the ~~the~~ [[a]] received signal;

an updating unit configured to update target circuit qualities for the control channel and the user channel, based on results of measurement of the channel qualities by the measuring unit; and

~~a communicating unit configured to communicate, in a predetermined period, the updated target circuit qualities for the control channel and the user channel; and~~

a target circuit quality determining unit configured to determine, in a predetermined period, the ~~the~~ [[a]] target circuit quality for the received signal, based on the target circuit qualities for the control channel and the user channel updated by the updating unit ~~communicated from the communicating unit~~, so that all of the control channel and the user channel satisfy a required channel quality; wherein,

~~when the channel quality of the control channel does not satisfy the required channel quality, the communicating unit is configured to communicate at least the target circuit quality for the control channel to the target circuit quality determining unit; and~~

when the channel quality of the control channel does not satisfy the required channel quality, the target circuit quality determining unit is configured to determine the target circuit quality for the received signal, based on at least the communicated ~~the communicated~~ target circuit quality for the control channel, even when the predetermined period has not yet finished.

Claim 2 (Currently Amended): The controller equipment as set forth in claim 1, wherein the communicating unit is configured to compare the channel quality of the control channel with a predetermined threshold in a period shorter than the predetermined period, and the target circuit quality determining unit is configured to determine the target circuit quality for the received signal, based on the ~~communicate the updated~~ target circuit quality for the control channel updated based on a result of the comparison ~~to the target circuit quality determining unit based on a result of the comparison.~~

Claim 3 (Currently Amended): The controller equipment as set forth in claim 1, wherein:

~~when the channel quality of the control channel satisfies a predetermined condition, the communicating unit is configured to communicate the target circuit qualities for the control channel and the user channel to the target circuit quality determining unit; and~~

when the channel quality of the control channel does not satisfy the required channel quality, the target circuit quality determining unit is configured to determine the target circuit quality for the received signal, based on the ~~communicated~~ target circuit qualities for the control channel and the user channel, even when the predetermined period has not yet finished.

Claim 4 (Currently Amended): A method for ~~controller equipment~~ determining a target circuit quality for a received signal used in an outer loop transmit power control, comprising:

measuring channel qualities of ~~a an incoming~~ control channel and ~~a an incoming~~ user channel separated from a received signal;

updating target circuit qualities for the control channel and the user channel, based on results of measurement of the channel qualities; and

~~communicating, in a predetermined period, updated target circuit qualities for the control channel and the user channel; and~~

determining, in a predetermined period, the [[a]] target circuit quality for the received signal, based on the target circuit qualities for the control channel and the user channel ~~communicated~~, so that all of the control channel and the user channel satisfy a required channel quality; wherein,

~~communicating at least the target circuit quality for the control channel when the channel quality of the control channel does not satisfy the required channel quality; and~~

when the channel quality of the control channel does not satisfy the required channel quality, determining the target circuit quality for the received signal, based on at least the ~~communicated~~ target circuit quality for the control channel, even when the predetermined period has not yet finished.

Claim 5 (Currently Amended): The method of claim 4 further comprising:

comparing the channel quality of the control channel with a predetermined threshold in a period shorter than the predetermined period; and

determining the ~~communicating the updated~~ target circuit quality for the received signal, based on the target circuit quality for the control channel updated based on a result of the comparison.

Claim 6 (Currently Amended): The method of claim 4 further comprising:

~~communicating the target circuit qualities for the control channel and the user channel when the channel quality of the control channel satisfies a predetermined condition; and~~

when the channel quality of the control channel does not satisfy the required channel quality, determining the target circuit quality for the received signal, based on the ~~communicated~~ target circuit qualities for the control channel and the user channel, even when the predetermined period has not yet finished.

Claim 7 (Currently Amended): A controller equipment for determining a target circuit quality for a received signal used in an outer loop transmit power control, comprising:

means for measuring channel qualities of a ~~an incoming~~ control channel and a ~~an incoming~~ user channel separated from a received signal;

means for updating target circuit qualities for the control channel and the user channel, based on results of measurement of the channel qualities by the means for measuring channel qualities; and

~~means for communicating, in a predetermined period, the updated target circuit qualities for the control channel and the user channel; and~~

means for determining, in a predetermined period, the ~~[[a]]~~ target circuit quality for the received signal, based on the target circuit qualities for the control channel and the user channel updated by the means for updating ~~communicated from the means for communicating~~, so that all of the control channel and the user channel satisfy a required channel quality; wherein,

~~means for communicating communicates at least the target circuit quality for the control channel to the means for determining a target circuit quality when the channel quality of the control channel does not satisfy the required channel quality; and~~

when the channel quality of the control channel does not satisfy the required channel quality, the means for determining a target circuit quality determines the target circuit quality

for the received signal, based at least on the ~~communicated~~ target circuit quality for the control channel, even when the predetermined period has not yet finished.

Claim 8 (Currently Amended): The controller equipment as set forth in claim 7, wherein:

the communicating means compares the channel quality of the control channel with a predetermined threshold in a period shorter than the predetermined period, and the means for determining determines the target circuit quality for the received signal, based on the ~~communicates the updated~~ target circuit quality for the control channel ~~to the target circuit quality determining means~~ updated based on a result of the comparison.

Claim 9 (Currently Amended): The controller equipment as set forth in claim 7, wherein:

~~the communicating means communicates the target circuit qualities for the control channel and the user channel to the target circuit quality determining means when the channel quality of the control channel satisfies a predetermined condition; and~~

when the channel quality of the control channel does not satisfy the required channel quality, the target circuit quality determining means determines the target circuit quality for the received signal, based on the ~~communicated~~ target circuit qualities for the control channel and the user channel, even when the predetermined period has not yet finished.